

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Dynan, William S. et al.  
Application No. 10/813,977  
Filed: 03-21-2004  
Art Unit: 1642  
Examiner: Aeder, Sean E.  
Title: Compositions and Methods for Modulating DNA Repair

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

This paper is submitted in response to the office action mailed May 17, 2007.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

**Appendix A:** copy of Lamberski et al., Expression and purification of a single-chain variable fragment antibody derived from a polyol-responsive monoclonal antibody, Protein Expression and Purification, 47, pp82-92, 2006.

**Appendix B:** copy of Bose et al., Characterization and molecular modeling of a highly stable anti-Hepatitis B surface antigen scFv, Molecular Immunology, 40, pp617-31, 2003